ABSTRACT

An imaging system scanning device preview-scans an image and generates image data that is used to generate a scanned image preview. The scanned image preview is displayed in a viewing region of a user interface and represents the image in an electronic form. An image region of the scanned image preview can be defined and selected, and a final-scan of the image region emulated with a software or firmware component that generates a final scanned image. An emulated final-scan of the image region includes interpolating the image data corresponding to the image region to improve the resolution of the image region when generating the final scanned image. The final scanned image can be communicated to a destination location such as a data storage component, or to an image reproduction device.